MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

1st & final Bill.

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

64007

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work :- [Earth work excavation] by Improvements to road at Raja Reddy Layout, Soundarya opposite Road in Bagalgunte in ward No:14						
	Name of Agency :- Technical manager (KRIDL)						
	Estimate Cost :- 50,00000/-						
	Workorder NO :- EE/DD/wo/346/2017-18. dt 27-03-2018						
	Job Code NO :- 014-18-000027						
	A/S NO :- EE/DD/A-S/33/2017-18. dt 26-9-2017						
	T/S NO :- EE/DD/TS/169/2017-18. dt 26-09-2017						
	Measurement Recorded on :- 30/4/18						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO: 1 KSRRB 300-1 Earth work excavation by manual means in Hard Soil invalving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated Surface leveled and Sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods Complete as per Specifications. MORTH/ chapter 3 (P.NO. 142., I.NO 19.1 of KPWD S.R 2016-17)					1637.16 m³	
	Pre-Measurement Recorded on vide page NO. 64068 of this MB.	@TR				170.92 "	279823.39/=
	Item NO: 2 KSRRB 300-58 Compaction of original ground with maximum of 6 passes of 8 to 10 tonnage power roller including filling in depression occuring during rolling including cost of all labours, Hire of machinery Complete as per Specifications. MORTH/ chapter 3						

M. A. R. 57 (Rule 116) No. D

Measurement Book

64008

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(Page NO. 149., I.NO. 19.64 of KPWD S.R 2016-17) Pre-Measurement Recorded on vide page NO. 64067 of this MB.	@TR				5454.55 5457.20 m² 5.30 "	28803-00 28923.00/=
	Item NO: 3 KSRRB m40c. 17. Providing, laying, Spreading & Compacting Graded Stone aggregate to wet mix macadam specifications including Pre-mixing the material with water at OMC in mechanical mix Plant Carriage of mixed materials by tipper to Site, laying in uniform layers with paver in Sub-base/base Courge on well Prepared Surface and Compacting with Vibratory roller to achieve the desired density						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆ.ಆರ್.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ

MEASUREMENT BOOK

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Complete as per Specifications. MORTH Specification No. 406 (P.No. 158.., I.No. 20.18 of KPWD S.R 2016-17)						
	Pre-Measurement Recorded on vide Page No. 64068 of this MB.				@TR	1255.16 m³ 1768.08 " 2219216.00	2219223.00 /=
	Item No:4 KSRRB 500.6. Providing & applying Primer Coat with S.S bitumen emulsion on Prepared Surface of granular base such as WBM, WMM including cleaning of road Surface and Spraying Primer at the rate of 0.66 kg/sqm using mechanical means Complete as Per Specifications. MORTH Specification No. 502 (P.No. 161. I.No. 21.6 of KPWD S.R 2016-17)					5457.20 m²	
	Pre-Measurement recorded on vide Page No. 64069 of this MB.				@TR	27.56 "	150400./=

M. A. R. 57 (Rule 116) No. D

Measurement Book

64009

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No: 5 KSRRB 500-11. Providing & laying bituminous macadam on Prepared Surface with Crushed Coarse aggregates as per design mix formula for base/binding course including loading of aggregates with F.E loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver & laying mixed materials with paver finisher to the required level & grade, rolling by power roller to achievement the desired density, but excluding cost of primer/tack coat including lead, lift & Cost of all materials, labour, Hire of machinery Complete as per Specifications using 40/60 TPH capacity H.M.P with mechanical paver Gr-I, (50mm to 100mm) with S.B.S VG-30 Bitumen (P.No. 162.5) NO						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Vide of KPWD S.R 2016-17) Pre-Measurement Recorded on vide Page No. 64071 of MB.				@TR	108.22 m³ ~~505.28~~ "	60669 = 00 60604.00/-
	Item No.6 KSRRB 500.7. Providing and applying tack coat using 80/100 Grade Sqm bitumen (VG10) on the Prepared black topped Surface at 2.5 kg per 10Sqm, heating bitumen in boiler fitted with Spray Set (excluding cleaning of road Surface) including Cost of all materials labours, Hire of machines & Complete as Specifications. MORTH chapter 5 (P.No. 161.... I.No. 21.7 of KPWD S.R. 2016-17) Pre-Measurement Recorded on vide Page No. 64071 of MB.				@TR	5457.20 m² 11.66 "	63630.95/-

M. A. R. 57 (Rule 116) No. D

Measurement Book

64010

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No:7 KSRRB m500-19. Providing & laying bituminous Concrete Using Crushed aggregates of Specified grading, premixed with bituminous binder & filler, transporting the hot mix to work site & laying with Paver finisher to the required grade level & alignment. Rolling with smooth wheeled Vibratory & tandem rollers to achieve the desired Compaction as per MORTH Specification Caluse No. 509 Complete in all respects Complete as per specifications. using 40-60 + PH Capacity H.M.P. with mechanical Paver grading I (50-65 mm) with 5.2% VG-30 Bitumen Paver grading (P.No. 165. I. No. 21.29.5 of KPWD S.R 2016-17).						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬೆಂಗಳೂರು

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Manjunatha Juice Center Road.	1	30.00	(6.4+5.5)/2	0.03	5.36	m³
		1	30.00	(5.5+5)/2	0.03	4.73	"
		1	19.50	(5+5.8)/2	0.03	3.16	"
		1	30.00	(6+6.1)/2	0.03	5.45	"
		1	30.00	(6.1+5.9)/2	0.03	5.40	"
		1	30.00	(5.9+5.6)/2	0.03	5.18	"
		1	30.00	(5.6+5.6)/2	0.03	5.04	"
		1	30.00	(5.6+6.5)/2	0.03	5.45	"
		1	30.00	(6.5+6.6)/2	0.03	5.90	"
		1	30.00	(6.6+7)/2	0.03	6.12	"
		1	30.00	(7+5)/2	0.03	5.40	"
		1	30.00	(5+6)/2	0.03	4.95	"
		1	30.00	(6+5.5)/2	0.03	5.18	"
		1	35.00	(6.6+5.8)/2	0.03	6.20	"

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-560057

20/4/2018

M. A. R. 57 (Rule 116)
Measurement Book

No. D

64011

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	(5.8+6)/2	0.03	5.31	m³
		1	39.00	(6+6)/2	0.03	7.02	"
		1	30.00	(6.3+6)/2	0.03	5.54	"
		1	30.00	(6+5.8)/2	0.03	5.31	"
		1	30.00	(5.8+5.4)/2	0.03	5.04	"
		1	30.00	(5.4+5.6)/2	0.03	4.95	"
		1	30.00	(5.6+6.5)/2	0.03	5.58	"
		1	30.00	(6.8+5.1)/2	0.03	5.36	"
		1	26.00	(5.4+6.7)/2	0.03	6.20	"
		1	23.00	(5.7+5.7)/2	0.03	3.93	"
		1	17.00	(4.6+4.6)/2	0.03	2.62	"
		1	30.00	(5.1+5.2)/2	0.03	4.64	"
		1	23.00	(5.2+5.3)/2	0.03	3.62	"

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-560057

Munikappa Jagarahalli

20/4/2018

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೆಂಗಳೂರು

20/4/18

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	4999492-00						C&RC
and admitted for ₹	4998401=00	1 —	30.00	16.5+8.5/2	0.03	6.75	m³
by Cl	4550761=00	1 —	38.00	18.5+8.5/2	0.03	7.65	"
	4551764=00	1 —	43.00	18.5+8.5/2	0.03	10.97	"
	447640=00						
	447728=00				20/04 WD		
					Total	163.95	
					Limit	163.04	
					@5%	7858.84	
	Executive Engineer Division					1155563-83/-	
						1154554.96/-	
	4503064=00						
	495335=00						
	4998401=00						
	4504047=00						
	495445=00						
	4999492=00						

Total = 4503170.11 —

Add 11% KRIDL charges = 495348.72 —

Grand Total = 4998518.86/-

EXECUTIVE ENGINEER Bruhat Bangalore Mahanagara Palike Dasarahalli Division, Bangalore-560057

Bedanga 30/4/17

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

30/4/17

M. A. R. 57 (Rule 116) No. D

Measurement Book

64012

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Certified that the work is done satisfactorily						
	Certified that the debris removed from the work spot.						

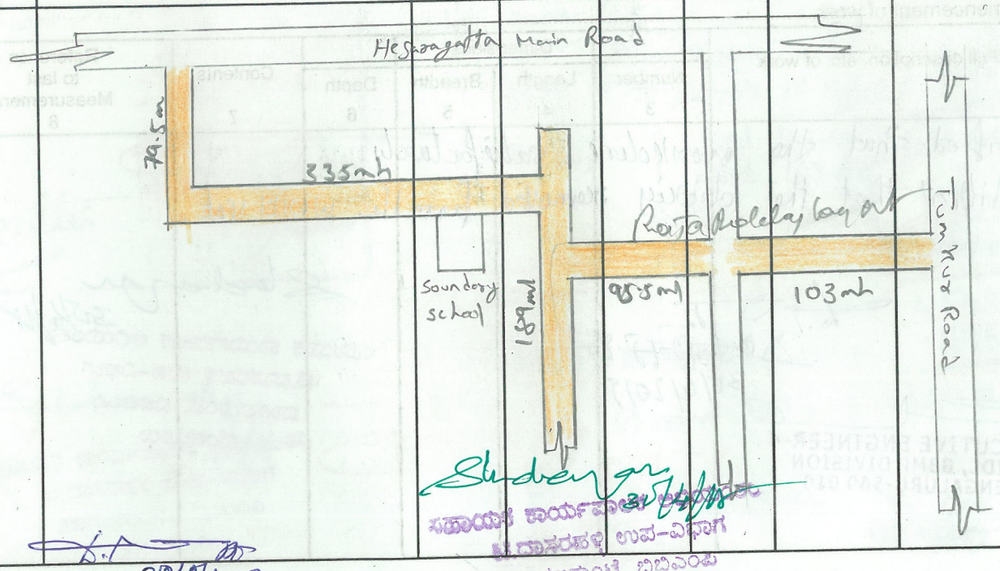
30/4/2017

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Bedanga 30/4/17

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							

30/8/2013

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಮಲ್ಲಸಂದ್ರ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

64013

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8